

Environmental and Enhancement Plan for Pouhala Marsh, Oahu, Hawaii

Restoration Plan Database: Crystal Reports of Individual Plan Summaries

I. BASIC PLAN DATA

Plan name:

Environmental and Enhancement Plan for Pouhala Marsh, Oahu, Hawaii

Brief description of plan:

The Pouhala Marsh restoration project is a multi-cooperative effort aimed to secure and restore nearly 70 acres of wetlands in Pearl Harbor's West Loch.

Region the plan is located within:

Pacific Region

Watershed(s) included within the plan:

HI

Area plan covers (in square miles):

square miles

Plan scale:

County

Plan's lead organization(s):

Ducks Unlimited, HI Division of Forestry and Wildlife, U.S. Fish and Wildlife Service, City and County of Honolulu

Plan's Main Contact Information:

Ducks Unlimited
3074 Gold Canal Drive
Rancho Cordova, CA 95670
916-852-2000

On-line version of plan:

Date of original plan:

1/2000

II. TECHNICAL INFORMATION

Plan includes restoration goals: Y

Level of detail of the goals:

MS

Summary of the goals:

1. Enhance existing wetland basins so that they function under naturally occurring hydrologic conditions. Enhancement actions include 20 acres of vegetation clearing, sculpting basins and removing obstructions. 2. Clean marsh of all human debris and trash. 3. Fence 70 acre marsh to exclude humans, vehicles and large mammalian predators. 4. Restore 8 acres of marsh through removal of 66,000 cubic yards of fill material. 5. Exclude fish from entering managed 8 acre wetland through fish screens. 6. Create hydrologic link from Kapakani Stream to the 8 acre wetland.

Plan recommends or uses criteria for selecting restoration sites (e.g. cost benefit ratio, ecological benefits):

Y

Summary of the criteria:

1. Enhance public awareness of endangered species and significance of estuaries and coastal wetlands. 2. Critical for endangered and or migratory birds. 3. Important nurseries for fish.

Plan recommends restoration of specific project sites:

Y

Plan includes a discussion of funding sources:

N

Plan addresses long-term protection of restored sites:

N

Partners included in developing the plan:

Federal
State
Non-profit Organizations

Type(s) of public outreach included during plan development:

Was subject to a public comment period

Plan includes public outreach as part of plan implementation (e.g. annual public meeting, local group participation):

Plan discusses the application of innovative approaches to restoration:

N

Plan make use of GIS mapping capabilities:

N

Plan addresses monitoring/reference sites for ecosystem level monitoring (baseline conditions) by:

N

Plan addresses monitoring/reference sites for project level monitoring by:

N

The plan discusses or coordinates with other restoration plans covering the same geographic area:

N

Other plan names:

Plan contains detailed information on historic and/or current habitat size, rate of loss, acres restored or protected, etc.):

Y

Summary of this habitat information:

Pouhala Marsh is the largest remaining wetland habitat in Pearl Harbor (70 acres). Only 24 acres are used currently by waterbirds and have been degraded by siltation and waste disposal. Remaining acres have been filled or degraded and overgrown.